

Suggested intervals between administration of immune globulin preparations for various indications and vaccines containing live measles virus*

Indication	Dose (including mg IgG/kg)	Suggested Interval before Measles Vaccination
RSV monoclonal antibody (Synagis™)§	15 mg/kg IM	None
Tetanus (TIG)	250 units (10 mg IgG/kg) IM	3 months
Hepatitis A (IG)		
Contact prophylaxis	0.02 mL/kg (3.3 mg IgG/kg) IM	3 months
International travel	0.06 mL/kg (10 mg IgG/kg) IM	3 months
Hepatitis B prophylaxis (HBIG)	0.06 mL/kg (10 mg IgG/kg) IM	3 months
Rabies prophylaxis (HRIG)	20 IU/kg (22 mg IgG/kg) IM	4 months
Varicella prophylaxis (VZIG)	125 units/10kg (20-40 mg IgG/kg) IM (maximum 625 units)	5 months
Measles prophylaxis (IG)		
Normal contact	0.25 mL/kg (40 mg IgG/kg) IM	5 months
Immunocompromised contact	0.50 mL/kg (80 mg IgG/kg) IM	6 months
Blood transfusion		
Red blood cells (RBCs), washed	10 mL/kg negligible IgG/kg IV	None
RBCs, adenine-saline added	10 mL/kg (10 mg IgG/kg) IV	3 months
Packed RBCs (Hct 65%)†	10 mL/kg (60 mg IgG/kg) IV	6 months
Whole blood (Hct 35-50%)†	10 mL/kg (80-100 mg IgG/kg) IV	6 months
Plasma/platelet products	10 mL/kg (160 mg IgG/kg) IV	7 months
Cytomegalovirus prophylaxis (CMV IGIV)	150 mg/kg (maximum)	6 months
Respiratory syncytial virus prophylaxis (RSV IGIV)	750 mg/kg	9 months
Intravenous Immune Globulin (IGIV)		
IGIV, Replacement therapy	300-400 mg/kg IV¶	8 months
IGIV, ITP**	400 mg/kg IV	8 months
IGIV, ITP**	1000 mg/kg IV	10 months
IGIV, Kawasaki disease	2 grams/kg IV	11 months

*This table is not intended for determining the correct indications and dosage for the use of immune globulin preparations. Unvaccinated persons may not be fully protected against measles during the entire suggested interval and additional doses of immune globulin and/or measles vaccine may be indicated following measles exposure. The concentration of measles antibody in a particular immune globulin preparation can vary by lot. The rate of antibody clearance following receipt of an immune globulin preparation can also vary. The recommended intervals are extrapolated from an estimated half-life of 30 days for passively acquired antibody and an observed interference with the immune response to measles vaccine for 5 months following a dose of 80 mg IgG/kg.

§Contains only antibody to respiratory syncytial virus (RSV)

†Assumes a serum IgG concentration of 16 mg/mL.

¶Measles vaccination is recommended for children with HIV infection but is contraindicated in patients with congenital disorders of the immune system.

**Immune (formerly, idiopathic) thrombocytopenic purpura.